

FIG. 1

100

120

102 RECEIVE AN INITIAL REQUEST AT A DATA COMMUNICATIONS DEVICE FROM A CLIENT TO ACCESS CONTENT.

104 PROVIDE A FORWARDED REQUEST TO THE DATA ACCESS DEVICE IN RESPONSE TO THE INITIAL REQUEST. THE FORWARDED REQUEST INCLUDES CONNECTION ESTABLISHMENT INFORMATION THAT ENABLES ESTABLISHMENT OF A COMMUNICATIONS CONNECTION BETWEEN THE DATA ACCESS DEVICE AND THE CLIENT.

106 RECEIVE AN INITIAL RESPONSE FROM THE DATA ACCESS DEVICE. 108 PROVIDE A DATA TRANSFER APPROVAL TO THE DATA ACCESS DEVICE BASED ON THE RESPONSE FROM THE DATA ACCESS DEVICE. THE DATA TRANSFER APPROVAL AUTHORIZES THE DATA ACCESS DEVICE TO PROVIDE A DIRECT RESPONSE TO THE CLIENT BASED ON THE CONNECTION ESTABLISHMENT INFORMATION.

122 RECEIVE A FORWARDED REQUEST AT THE DATA ACCESS DEVICE IN RESPONSE TO THE FIRST REQUEST. THE FORWARDED REQUEST INCLUDES CONNECTION ESTABLISHMENT INFORMATION THAT ENABLES ESTABLISHMENT OF A COMMUNICATIONS CONNECTION BETWEEN THE DATA ACCESS DEVICE AND THE CLIENT.

124 PROVIDE A RESPONSE FROM THE DATA ACCESS DEVICE.

126 RECEIVE A DATA TRANSFER APPROVAL FROM THE DATA COMMUNICATIONS DEVICE BASED ON THE RESPONSE FORM THE DATA ACCESS DEVICE. THE DATA TRANSFER APPROVAL AUTHORIZES THE DATA ACCESS DEVICE TO PROVIDE A DIRECT RESPONSE TO THE CLIENT BASED ON THE CONNECTION ESTABLISHMENT INFORMATION.

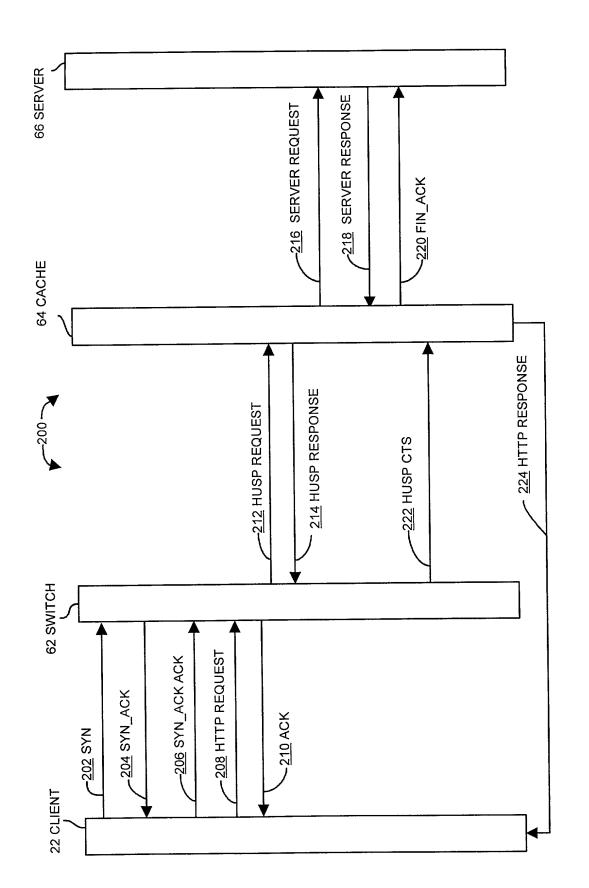


FIG. 3A

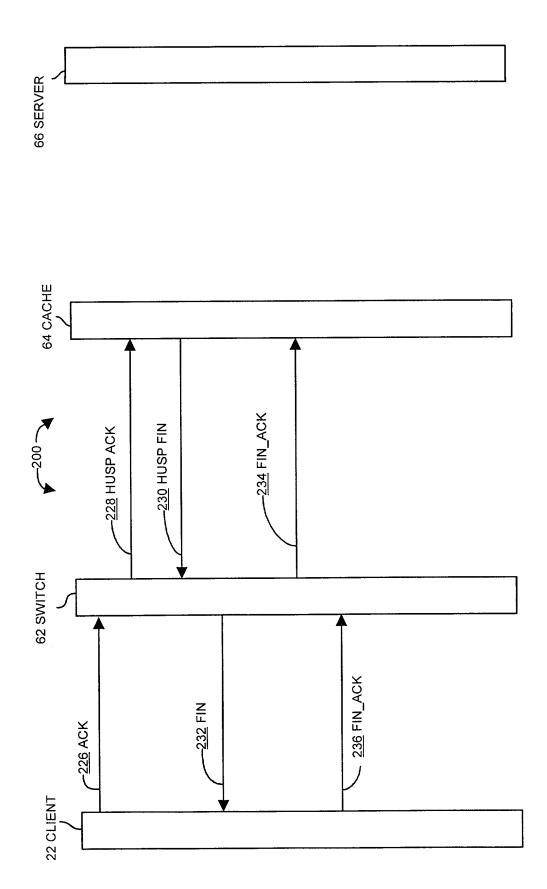


FIG. 3B

